

What is claimed is:

1. A color filter substrate comprising:
a transparent substrate; and
color filters of three colors with a bored part
provided at every pixel on said transparent substrate, color
filters neighboring to each other in one direction being
connected to each other, a thin film transistor being to
oppose to said bored part, and data lines being to be
aligned along said one direction.
2. The color filter substrate according to claim 1,
further comprising color filters formed in said bored parts
with the same material as any one of said color filters of
three colors.
3. The color filter substrate according to claim 1,
further comprising a grid-like black matrix including
openings formed for all the pixels, and a light-shielding
film formed in said bored part with a material same as said
black matrix.
4. A manufacturing method of a color filter
substrate comprising the steps of:
forming a black matrix on a transparent substrate;
forming first color filters with a first bored part
in all the pixels displaying a first color on said black
matrix, a thin film transistor provided at every pixel
displaying said first color being to oppose to said first
bored part;
forming second color filters with a second bored part
in all the pixels displaying a second color on said black

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matrix, a thin film transistor provided at every pixel displaying said second color being to oppose to said second bored part; and

5 forming third color filters with a third bored part in all the pixels displaying a third color on said black matrix, a thin film transistor provided at every pixel displaying said third color being oppose to said third bored part.

5. A manufacturing method of a color filter
10 substrate comprising the steps of:
 forming a black matrix on a transparent substrate;
 forming first color filters in all the pixels displaying a first color, in a part of all the pixels displaying a second color, and in a part of all the pixels
15 displaying a third color on said black matrix, a thin film transistor provided at every pixel displaying said second color being to oppose to said part of said pixels displaying said second color, and a thin film transistor provided at every pixel displaying said third color being to oppose to
20 said part of said pixels displaying said third color;

 forming second color filters with a second bored part in all the pixels displaying said second color on said black matrix, said thin film transistor provided at every pixel displaying said second color being to oppose to said second
25 bored part; and

 forming third color filters with a third bored part in all the pixels displaying a third color on said black matrix, said thin film transistor provided at every pixel

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displaying said third color being oppose to said third bored part.

6. An active matrix type liquid crystal display comprising a color filter substrate according to claim 1.

5 7. An active matrix type liquid crystal display comprising a color filter substrate according to claim 2.

8. An active matrix type liquid crystal display comprising a color filter substrate according to claim 3.

9. A manufacturing method of an active matrix type
10 liquid crystal display comprising the steps of:

manufacturing a color filter substrate based on a method described in claim 4; and

adhering a substrate with said thin film transistors and said color filter substrate.

15 10. A manufacturing method of an active matrix type liquid crystal display comprising the steps of:

manufacturing a color filter substrate based on a method described in claim 5; and

adhering a substrate with said thin film transistors
20 and said color filter substrate.

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